

Commonwealth of Kentucky  
Division for Air Quality

**PERMIT APPLICATION SUMMARY FORM**

Completed by: Min Wang

**GENERAL INFORMATION:**

**Name:** Modern Welding Company of Owensboro, Incorporated  
**Address:** 1450 East Parrish Avenue, Owensboro, Kentucky 42303  
**Date Received:** 02/18/2005  
**SIC Code:** 3443  
**EIS/ID#:** 021-059-00013  
**AI#:** 37838  
**Pemit #:** F-06-005  
**APE #:** 20050001

**APPLICATION TYPE/PERMIT ACTIVITY:**

- |  |   |
|--|---|
| <input type="checkbox"/> Initial Issuance    | <input type="checkbox"/> General Permit         |
| <input type="checkbox"/> Permit Modification | * Conditional Major                             |
| <input type="checkbox"/> Administrative      | <input type="checkbox"/> Title V                |
| <input type="checkbox"/> Minor               | <input type="checkbox"/> Synthetic Minor        |
| <input type="checkbox"/> Significant         | * Operating                                     |
| * Permit Renewal                             | <input type="checkbox"/> Construction/Operating |

**COMPLIANCE SUMMARY:**

- |  |   |
|--|---|
| <input type="checkbox"/> Source is out of compliance | <input type="checkbox"/> Compliance schedule included |
| * Compliance certification signed                    |   |

**APPLICABLE REQUIREMENTS LIST:**

- |   |                                 |
|---|---------------------------------|
| <input type="checkbox"/> NSR  | <input type="checkbox"/> NSPS   |
| <input type="checkbox"/> PSD  | <input type="checkbox"/> NESHAP |
| <input type="checkbox"/> Netted out of PSD/NSR                        | * SIP                           |
| Not major modification per 401 KAR                                    |                                 |
| <input type="checkbox"/> 51:017, 1(23)(b) or 401 KAR 51:052, 1(14)(b) | <input type="checkbox"/> Other  |

**MISCELLANEOUS:**

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- \* Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposed new control technology
- \* Certified by responsible official
- \* Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution prevention measures
- ☐ Area is non-attainment (list pollutants):

**EMISSIONS SUMMARY:**

<b>Pollutant</b>	<b>Actual Emissions (TPY)</b>	<b>Potential Emissions (TPY)</b>
<b>PM</b>	1.35	90
<b>PM<sub>10</sub></b>	1.32	90
<b>CO</b>	2.0	3.2
<b>NO<sub>x</sub></b>	2.4	3.8
<b>SO<sub>2</sub></b>	0.014	0.022
<b>VOC</b>	19.22	90
<b>HAPs</b>	< 10 TPY each and < 25 TPY total	< 10 TPY each and < 25 TPY total
Ethyl Benzene	0.01	0.29
Glycol Ether	0.02	0.63
Methy Isobutyl Ketone	0.02	0.66
Toluene	1.40	< 10 TPY
Triethyl Amine	0.02	0.47
Xylenes	2.9	< 10 TPY
Styrene	1.39	< 10 TPY
Cr	0.04	< 10 TPY
Cobalt	0.00	0.02
HCl	0.00	0.05
Manganese	0.00	0.75
Nickle	0.03	< 10 TPY

**EMISSION AND OPERATING CAPS DESCRIPTION:**

The facility took emission limits on PM, VOC, and HAPs to avoid becoming major source.

**OPERATIONAL FLEXIBILITY:**

None